

## WHAT IS CLAIMED IS:

## 1. A projector comprising:

an optical engine which projects an image based on a video signal;

a circuit section which controls operation of said optical engine;

a power source which supplies electric power to said circuit section;

a network interface, through which said circuit section communicates with a remote network terminal device; and

a hub which is connected to said network interface, said hub including ports, said network interface being connected to said remote network terminal device through one of said ports, electric power from said power source being supplied to said hub.

## 2. A projector comprising a main body, and an interface unit which is detachably fitted into said main body;

said main body including:

an optical engine which projects an image based on a video signal;

a circuit section which controls operation of said optical engine; and

a power source which supplies electric power to said circuit section;



said interface unit including:

a network interface, through which said circuit section communicates with a remote network terminal device; and

a hub which is connected to said network interface, said hub including ports, said network interface being connected to said remote network terminal device through one of said ports, electric power from said power source being supplied to said hub.

3. The projector according to claim 2,

wherein said main body further includes a first connector connected to said circuit section, and a second connector connected to said power source;

wherein said interface unit further includes a third connector connected to said network interface, and a fourth connector connected to said network interface and said hub;

wherein, when said interface unit is fitted into said main body, said first connector is coupled to said third connector and said second connector is coupled to said fourth connector.

4. The projector according to claim 2,

wherein said main body further includes a first connector connected to said circuit section, and a second connector connected to said power source;

wherein said interface unit further includes a third connector connected to said network interface, and a fourth



connector connected to said network interface and said hub;

wherein said first connector is coupled to said third connector via a signal cable and said second connector is coupled to said fourth connector via a power cable.

5. A projector comprising a main body, and a hub unit which is detachably fitted into said main body;

said main body including:

an optical engine which projects an image based on a video signal;

a circuit section which controls operation of said optical engine;

a power source which supplies electric power to said circuit section; and

a network interface, through which said circuit section communicates with a remote network terminal device;

said hub unit including a hub which is connected to said network interface, said hub including ports, said network interface being connected to said remote network terminal device through one of said ports, electric power from said power source being supplied to said hub.

6. The projector according to claim 5,

wherein said main body further includes a first connector connected to said network interface, and a second connector



connected to said power source;

wherein said hub unit further includes a third connector connected to said hub, and a fourth connector connected to said hub;

wherein, when said hub unit is fitted into said main body, said first connector is coupled to said third connector and said second connector is coupled to said fourth connector.

7 A projector comprising a main body, a first unit which is detachably fitted into said main body, and a second unit which is detachably fitted into said main body;

said main body including:

an optical engine which projects an based on a video signal;

a circuit section which controls operation of said optical engine; and

a power source which supplies electric power to said circuit section;

said first unit including a network interface, through which said circuit section communicates with a remote network terminal device; and

said second unit including a hub which is connected to said network interface, said hub including ports, said network interface being connected to said remote network terminal device through one of said ports, electric power from said power source being supplied to said hub.



8. The projector according to claim 7,

wherein said main body further includes a first connector connected to said circuit section, and a second connector connected to said power source;

wherein said first unit further includes a third connector connected to said network interface, and a fourth connector connected to said network interface;

wherein, when said first unit is fitted into said main body, said first connector is coupled to said third connector and said second connector is coupled to said fourth connector.

9. The projector according to claim 7,

wherein said main body further includes a first connector connected to said circuit section, and a second connector connected to said power source;

wherein said first unit further includes a third connector connected to said network interface, and a fourth connector connected to said network interface and said hub;

wherein said first connector is coupled to said third connector via a signal cable and said second connector is coupled to said fourth connector via a power cable.

10. The projector according to claim 8,

wherein said first unit further includes a fifth connector connected to said network interface, and a sixth connector connected



to said power source through said second connector;

wherein said second unit further includes a seventh connector connected to said hub, and an eighth connector connected to said hub;

wherein, when said second unit is fitted into said main body, said fifth connector is coupled to said seventh connector and said sixth connector is coupled to said eighth connector.

11. The projector according to claim 1, wherein said circuit section causes said optical engine to project an image regarding information of said remote network terminal device connected to said hub.

12. The projector according to claim 1, wherein said circuit section causes said optical engine to project an image based on a video signal input to said circuit section.

13. The projector according to claim 1, further comprising an operating section, through which an operator inputs to said circuit section a command for selecting a video signal to be projected from video signals input to said ports of said hub.

14. The projector according to claim 1, wherein said hub is a switching hub.



15. A network system comprising:  
at least one first projector according to claim 1; and  
at least one computer directly or indirectly connected to said  
at least one first projector.
16. The network system according to claim 15, further comprising:  
at least one second projector; and  
a communication cable which connects said at least one first  
projector and said at least one second projector;  
wherein said at least one second projector comprises:  
a second optical engine which projects an image based on a  
video signal;  
a second circuit section which controls operation of said  
second optical engine;  
a second power source which supplies electric power to said  
second circuit section; and  
a second network interface, through which said second circuit  
section communicates with a remote network terminal device.
17. A method of controlling a projector on a network system; said  
network system comprising at least one projector and at least one  
computer; each projector including an optical engine which projects  
an image based on a video signal, a circuit section which controls  
operation of said optical engine, a network interface through which  
said circuit section communicates with said at least one computer,



and a monitor section which monitors operating status of said optical engine, said circuit section, and said network interface;

said method comprising:

selecting one or more of at least one projector by said at least one computer;

transmitting an operation status request command from said at least one computer to said selected projector;

receiving the operation status request command by said selected projector; and

transmitting an operation status data based on said operation status request command from said selected projector to said at least one computer.

18. The method according to claim 17, wherein said operating status data is sequentially updated by said monitor section of said selected projector.

19. A method of controlling a projector on a network system; said network system comprising at least one projector and at least one computer; each projector including an optical engine which projects an image based on a video signal, a circuit section which controls operation of said optical engine, a network interface through which said circuit section communicates with said at least one computer, and a monitor section which monitors operating status of said optical engine, said circuit section, and said network interface;



said method comprising:

selecting one or more of at least one projector by said at least one computer; and

transmitting abnormality notification data from said monitor section of said selected projector to said at least one computer, when detecting abnormality of the selected projector.

20. A method of controlling a projector on a network system; said network system comprising at least one projector and at least one computer; each projector including an optical engine which projects an image based on a video signal, a circuit section which controls operation of said optical engine, a network interface through which said circuit section communicates with said at least one computer, and a monitor section which monitors operating status of said optical engine, said circuit section, and said network interface;

said method comprising:

selecting one or more of at least one projector by said at least one computer;

transmitting a control command from said at least one computer to said selected projector;

receiving the control command by said selected projector; and

allowing said selected projector to operate in accordance with the control command.